

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
00-0000	Total, All Occupations	199,070	222,540	23,470	11.8%	2,350	4,800	7,150		\$32,998	\$8.16	\$19.72
11-0000	Management Occupations	6,870	7,860	990	14.4%	100	130	230		\$74,633	\$16.54	\$45.55
11-1011	Chief Executives	300	340	40	13.3%	<5	10	10	Bachelor's or higher degree+ work experience	\$142,388	\$39.97	\$82.70
11-1021	General and Operations Managers	1,930	2,210	280	14.5%	30	40	70	Bachelor's or higher degree+ work experience	\$81,796	\$20.12	\$48.93
11-1031	Legislators	430	410	-20	-4.7%	<5	10	10	Bachelor's or higher degree+ work experience	\$15,950	\$5.83	\$8.59
11-2011	Advertising and Promotions Managers	60	70	10	16.7%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$66,784	\$21.22	\$37.55
11-2021	Marketing Managers	100	120	20	20.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$98,480	\$27.26	\$57.39
11-2022	Sales Managers	290	340	50	17.2%	10	10	20	Bachelor's or higher degree+ work experience	\$95,483	\$25.65	\$56.03
11-2031	Public Relations Managers	50	60	10	20.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$81,636	\$19.58	\$49.08
11-3011	Administrative Services Managers	220	250	30	13.6%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$68,028	\$22.09	\$38.01
11-3021	Computer and Information Systems Managers	270	340	70	25.9%	10	10	20	Bachelor's or higher degree+ work experience	\$89,884	\$26.41	\$51.61

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
11-3031	Financial Managers	370	420	50	13.5%	10	10	20	Bachelor's or higher degree+ work experience	\$96,947	\$27.93	\$55.95
11-3041	Compensation and Benefits Managers	50	60	10	20.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$74,858	\$20.47	\$43.75
11-3042	Training and Development Managers	30	40	10	33.3%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$82,294	\$22.97	\$47.86
11-3049	Human Resources Managers, All Other	60	70	10	16.7%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$92,309	\$28.43	\$52.35
11-3051	Industrial Production Managers	360	370	10	2.8%	<5	10	10	Bachelor's or higher degree+ work experience	\$74,062	\$21.02	\$42.90
11-3061	Purchasing Managers	80	90	10	12.5%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$76,301	\$23.63	\$43.21
11-3071	Transportation, Storage, and Distribution Managers	110	120	10	9.1%	<5	<5	<5	Work experience in a related occupation	\$79,196	\$21.74	\$46.24
11-9021	Construction Managers	130	160	30	23.1%	<5	<5	<5	Bachelor's degree	\$73,430	\$23.40	\$41.25
11-9031	Education Administrators, Preschool and Child Care Center/Program	50	70	20	40.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	*	*	*
11-9032	Education Administrators, Elementary and Secondary School	200	220	20	10.0%	<5	10	10	Bachelor's or higher degree+ work experience	\$72,577	Not Available	Not Available
11-9033	Education Administrators, Postsecondary	160	190	30	18.8%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$72,245	\$23.21	\$40.49

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
11-9039	Education Administrators, All Other	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$54,400	\$21.64	\$28.41
11-9041	Engineering Managers	160	180	20	12.5%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$89,334	\$28.38	\$50.23
11-9051	Food Service Managers	240	270	30	12.5%	<5	<5	<5	Work experience in a related occupation	\$34,907	\$11.71	\$19.32
11-9061	Funeral Directors	50	60	10	20.0%	<5	<5	<5	Associate degree	\$74,721	\$24.22	\$41.78
11-9071	Gaming Managers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
11-9081	Lodging Managers	60	80	20	33.3%	<5	<5	<5	Work experience in a related occupation	\$45,055	\$12.32	\$26.33
11-9111	Medical and Health Services Managers	430	560	130	30.2%	10	10	20	Bachelor's or higher degree+ work experience	\$71,539	\$25.13	\$39.03
11-9121	Natural Sciences Managers	20	20	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$82,016	\$30.71	\$43.79
11-9131	Postmasters and Mail Superintendents	50	50	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$52,104	\$20.10	\$27.52
11-9141	Property, Real Estate, and Community Association Managers	30	40	10	33.3%	<5	<5	<5	Bachelor's degree	\$54,525	\$15.13	\$31.76
11-9151	Social and Community Service Managers	180	220	40	22.2%	<5	<5	<5	Bachelor's degree	\$47,715	\$16.97	\$25.92

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
11-9199	Managers, All Other	380	430	50	13.2%	10	10	20	Work experience in a related occupation	\$80,858	\$24.59	\$46.02
13-0000	Business and Financial Operations Occupations	7,160	8,340	1,180	16.5%	120	130	250		\$47,780	\$13.60	\$27.66
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	*	*	*	*	<5	<5	<5	Bachelor's or higher degree+ work experience	*	*	*
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$36,343	\$12.01	\$20.20
13-1022	Wholesale and Retail Buyers, Except Farm Products	190	210	20	10.5%	<5	10	10	Bachelor's degree	\$46,617	\$13.10	\$27.07
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	460	500	40	8.7%	<5	10	10	Bachelor's degree	\$43,595	\$14.22	\$24.33
13-1031	Claims Adjusters, Examiners, and Investigators	580	670	90	15.5%	10	10	20	Long-term on-the-job training	\$47,315	\$15.83	\$26.21
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	150	170	20	13.3%	<5	<5	<5	Long-term on-the-job training	\$45,530	\$14.67	\$25.50
13-1051	Cost Estimators	340	410	70	20.6%	10	10	20	Bachelor's degree	\$52,345	\$16.58	\$29.46
13-1061	Emergency Management Specialists	20	20	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$44,480	\$17.82	\$23.17

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
13-1071	Employment, Recruitment, and Placement Specialists	140	180	40	28.6%	<5	<5	<5	Bachelor's degree	\$38,615	\$11.94	\$21.88
13-1072	Compensation, Benefits, and Job Analysis Specialists	130	160	30	23.1%	<5	<5	<5	Bachelor's degree	\$45,146	\$16.13	\$24.49
13-1073	Training and Development Specialists	250	290	40	16.0%	<5	<5	<5	Bachelor's degree	\$44,116	\$14.12	\$24.76
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	590	680	90	15.3%	10	10	20	Bachelor's degree	\$24,287	\$6.06	\$14.49
13-1081	Logisticians	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$50,357	\$17.59	\$27.52
13-1111	Management Analysts	330	370	40	12.1%	<5	10	10	Bachelor's or higher degree+ work experience	\$56,694	\$19.23	\$31.27
13-1121	Meeting and Convention Planners	60	80	20	33.3%	<5	<5	<5	Bachelor's degree	\$31,092	\$11.80	\$16.52
13-1199	Business Operations Specialists, All Other	1,280	1,590	310	24.2%	30	20	50	Bachelor's degree	\$53,559	\$15.48	\$30.88
13-2011	Accountants and Auditors	1,230	1,460	230	18.7%	20	20	40	Bachelor's degree	\$52,670	\$17.98	\$28.99
13-2021	Appraisers and Assessors of Real Estate	60	70	10	16.7%	<5	<5	<5	Postsecondary vocational training	\$47,355	\$14.31	\$26.99
13-2031	Budget Analysts	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$60,638	\$21.23	\$33.11

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
13-2041	Credit Analysts	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$45,036	\$14.35	\$25.30
13-2051	Financial Analysts	110	130	20	18.2%	<5	<5	<5	Bachelor's degree	\$61,936	\$19.00	\$35.16
13-2052	Personal Financial Advisors	100	130	30	30.0%	<5	<5	<5	Bachelor's degree	\$65,532	\$17.88	\$38.32
13-2053	Insurance Underwriters	320	340	20	6.3%	<5	10	10	Bachelor's degree	\$54,314	\$17.15	\$30.60
13-2061	Financial Examiners	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
13-2071	Loan Counselors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
13-2072	Loan Officers	380	400	20	5.3%	<5	10	10	Bachelor's degree	\$48,729	\$15.59	\$27.35
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$49,630	\$14.06	\$28.76
13-2082	Tax Preparers	80	90	10	12.5%	<5	<5	<5	Moderate-term on-the-job training	\$29,023	\$10.61	\$15.63
13-2099	Financial Specialists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	\$51,582	\$17.91	\$28.25
15-0000	Computer and Mathematical Occupations	2,980	3,820	840	28.2%	80	40	120		\$53,522	\$15.92	\$30.64

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
15-1011	Computer and Information Scientists, Research	10	10	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
15-1021	Computer Programmers	330	320	-10	-3.0%	<5	10	10	Bachelor's degree	\$51,259	\$15.82	\$29.06
15-1031	Computer Software Engineers, Applications	550	810	260	47.3%	30	10	40	Bachelor's degree	\$62,385	\$22.70	\$33.64
15-1032	Computer Software Engineers, Systems Software	140	200	60	42.9%	10	<5	10	Bachelor's degree	\$67,834	\$23.79	\$37.02
15-1041	Computer Support Specialists	520	620	100	19.2%	10	10	20	Associate degree	\$35,177	\$11.73	\$19.50
15-1051	Computer Systems Analysts	700	860	160	22.9%	20	10	30	Bachelor's degree	\$60,804	\$21.75	\$32.98
15-1061	Database Administrators	90	120	30	33.3%	<5	<5	<5	Bachelor's degree	\$70,510	\$20.97	\$40.36
15-1071	Network and Computer Systems Administrators	280	390	110	39.3%	10	<5	10	Bachelor's degree	\$53,918	\$18.06	\$29.85
15-1081	Network Systems and Data Communications Analysts	190	300	110	57.9%	10	<5	10	Bachelor's degree	\$48,081	\$15.69	\$26.83
15-1099	Computer Specialists, All Other	80	90	10	12.5%	<5	<5	<5	Associate degree	\$39,223	\$12.21	\$22.18
15-2011	Actuaries	*	*	*	*	<5	<5	<5	Bachelor's or higher degree+ work experience	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
15-2031	Operations Research Analysts	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2041	Statisticians	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
17-0000	Architecture and Engineering Occupations	2,180	2,410	230	10.6%	20	50	70		\$50,450	\$16.16	\$28.30
17-1011	Architects, Except Landscape and Naval	*	*	*	*	<5	<5	<5	Bachelor's degree	\$54,465	\$22.95	\$27.80
17-1012	Landscape Architects	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-1021	Cartographers and Photogrammetrists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-1022	Surveyors	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$39,288	\$14.70	\$20.98
17-2011	Aerospace Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2021	Agricultural Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2031	Biomedical Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
17-2041	Chemical Engineers	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$64,636	\$27.37	\$32.93
17-2051	Civil Engineers	190	210	20	10.5%	<5	<5	<5	Bachelor's degree	\$58,227	\$24.12	\$29.93
17-2061	Computer Hardware Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2071	Electrical Engineers	170	180	10	5.9%	<5	<5	<5	Bachelor's degree	\$68,966	\$25.28	\$37.09
17-2072	Electronics Engineers, Except Computer	40	50	10	25.0%	<5	<5	<5	Bachelor's degree	\$59,451	\$23.91	\$30.92
17-2081	Environmental Engineers	50	70	20	40.0%	<5	<5	<5	Bachelor's degree	\$57,673	\$19.94	\$31.62
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	10	10	0	0.0%	<5	<5	<5	Bachelor's degree	\$56,557	\$21.15	\$30.21
17-2112	Industrial Engineers	250	300	50	20.0%	10	10	20	Bachelor's degree	\$60,625	\$22.43	\$32.51
17-2131	Materials Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2141	Mechanical Engineers	320	350	30	9.4%	<5	10	10	Bachelor's degree	\$57,338	\$19.08	\$31.81
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
17-2161	Nuclear Engineers	0	0	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
17-2171	Petroleum Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
17-2199	Engineers, All Other	120	130	10	8.3%	<5	<5	<5	Bachelor's degree	\$71,456	\$27.56	\$37.75
17-3011	Architectural and Civil Drafters	80	90	10	12.5%	<5	<5	<5	Postsecondary vocational training	\$38,646	\$13.17	\$21.28
17-3012	Electrical and Electronics Drafters	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$43,253	\$15.06	\$23.66
17-3013	Mechanical Drafters	190	210	20	10.5%	<5	10	10	Postsecondary vocational training	\$40,065	\$14.98	\$21.40
17-3019	Drafters, All Other	*	*	*	*	<5	<5	<5	Postsecondary vocational training	\$31,735	\$11.15	\$17.31
17-3021	Aerospace Engineering and Operations Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
17-3022	Civil Engineering Technicians	100	110	10	10.0%	<5	<5	<5	Associate degree	\$41,135	\$15.97	\$21.68
17-3023	Electrical and Electronic Engineering Technicians	100	100	0	0.0%	<5	<5	<5	Associate degree	\$46,259	\$16.15	\$25.28
17-3024	Electro-Mechanical Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
17-3025	Environmental Engineering Technicians	20	20	0	0.0%	<5	<5	<5	Associate degree	\$42,526	\$16.23	\$22.55
17-3026	Industrial Engineering Technicians	70	80	10	14.3%	<5	<5	<5	Associate degree	\$40,348	\$15.04	\$21.57
17-3027	Mechanical Engineering Technicians	50	60	10	20.0%	<5	<5	<5	Associate degree	\$42,412	\$15.07	\$23.05
17-3029	Engineering Technicians, Except Drafters, All Other	50	60	10	20.0%	<5	<5	<5	Associate degree	\$46,117	\$17.50	\$24.51
17-3031	Surveying and Mapping Technicians	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,115	\$10.28	\$16.58
19-0000	Life, Physical, and Social Science Occupations	1,340	1,570	230	17.2%	20	30	50		\$51,526	\$14.60	\$29.86
19-1011	Animal Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-1012	Food Scientists and Technologists	20	20	0	0.0%	<5	<5	<5	Bachelor's degree	\$47,617	\$13.17	\$27.75
19-1013	Soil and Plant Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-1021	Biochemists and Biophysicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1022	Microbiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
19-1023	Zoologists and Wildlife Biologists	10	20	10	100.0%	<5	<5	<5	Doctoral degree	\$57,676	\$18.92	\$32.13
19-1029	Biological Scientists, All Other	20	30	10	50.0%	<5	<5	<5	Doctoral degree	\$59,706	\$19.74	\$33.19
19-1031	Conservation Scientists	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$51,197	\$20.01	\$26.92
19-1032	Foresters	40	30	-10	-25.0%	<5	<5	<5	Bachelor's degree	\$45,588	\$16.93	\$24.41
19-1041	Epidemiologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-1042	Medical Scientists, Except Epidemiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-1099	Life Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2011	Astronomers	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-2012	Physicists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
19-2021	Atmospheric and Space Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2031	Chemists	80	80	0	0.0%	<5	<5	<5	Bachelor's degree	\$49,274	\$14.99	\$28.04

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
19-2032	Materials Scientists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-2041	Environmental Scientists and Specialists, Including Health	50	60	10	20.0%	<5	<5	<5	Master's degree	\$48,545	\$16.04	\$26.99
19-2042	Geoscientists, Except Hydrologists and Geographers	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-2043	Hydrologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-2099	Physical Scientists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
19-3011	Economists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3021	Market Research Analysts	250	290	40	16.0%	<5	10	10	Master's degree	\$53,851	\$17.70	\$29.99
19-3022	Survey Researchers	0	10	10	100.0%	<5	<5	<5	Master's degree	*	*	*
19-3031	Clinical, Counseling, and School Psychologists	210	270	60	28.6%	10	10	20	Doctoral degree	\$75,427	\$21.28	\$43.76
19-3039	Psychologists, All Other	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
19-3041	Sociologists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
19-3051	Urban and Regional Planners	40	40	0	0.0%	<5	<5	<5	Master's degree	\$48,954	\$17.50	\$26.55
19-3093	Historians	0	0	0	0.0%	<5	<5	<5	Master's degree	*	*	*
19-3099	Social Scientists and Related Workers, All Other	30	30	0	0.0%	<5	<5	<5	Master's degree	\$58,022	\$22.88	\$30.41
19-4011	Agricultural and Food Science Technicians	30	30	0	0.0%	<5	<5	<5	Associate degree	\$26,944	\$7.20	\$15.83
19-4021	Biological Technicians	60	70	10	16.7%	<5	<5	<5	Associate degree	\$34,484	\$12.92	\$18.41
19-4031	Chemical Technicians	40	40	0	0.0%	<5	<5	<5	Associate degree	\$33,481	\$11.63	\$18.33
19-4061	Social Science Research Assistants	30	30	0	0.0%	<5	<5	<5	Associate degree	*	*	*
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50.0%	<5	<5	<5	Associate degree	\$37,561	\$10.31	\$21.93
19-4092	Forensic Science Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
19-4093	Forest and Conservation Technicians	20	20	0	0.0%	<5	<5	<5	Associate degree	\$33,543	\$12.51	\$17.93
19-4099	Life, Physical, and Social Science Technicians, All Other	90	110	20	22.2%	<5	<5	<5	Associate degree	\$34,516	\$13.30	\$18.24

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
21-0000	Community and Social Services Occupations	4,730	5,740	1,010	21.4%	100	90	190		\$39,520	\$11.74	\$22.63
21-1011	Substance Abuse and Behavioral Disorder Counselors	*	*	*	*	10	10	20	Master's degree	\$47,626	\$19.31	\$24.69
21-1012	Educational, Vocational, and School Counselors	220	250	30	13.6%	<5	10	10	Master's degree	\$39,153	\$11.05	\$22.71
21-1013	Marriage and Family Therapists	70	80	10	14.3%	<5	<5	<5	Master's degree	\$47,546	\$15.74	\$26.42
21-1014	Mental Health Counselors	350	450	100	28.6%	10	10	20	Master's degree	\$47,215	\$15.00	\$26.55
21-1015	Rehabilitation Counselors	160	190	30	18.8%	<5	<5	<5	Master's degree	\$43,351	\$13.17	\$24.68
21-1019	Counselors, All Other	*	*	*	*	<5	<5	<5	Master's degree	\$50,369	\$13.20	\$29.72
21-1021	Child, Family, and School Social Workers	420	510	90	21.4%	10	10	20	Master's degree	\$43,213	\$15.23	\$23.55
21-1022	Medical and Public Health Social Workers	210	270	60	28.6%	10	<5	10	Master's degree	\$42,235	\$14.82	\$23.05
21-1023	Mental Health and Substance Abuse Social Workers	360	490	130	36.1%	10	10	20	Master's degree	\$41,326	\$12.15	\$23.73
21-1029	Social Workers, All Other	100	110	10	10.0%	<5	<5	<5	Master's degree	\$49,226	\$18.67	\$26.16

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
21-1091	Health Educators	80	110	30	37.5%	<5	<5	<5	Master's degree	\$36,682	\$11.62	\$20.65
21-1092	Probation Officers and Correctional Treatment Specialists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
21-1093	Social and Human Service Assistants	670	850	180	26.9%	20	10	30	Moderate-term on-the-job training	\$27,159	\$9.77	\$14.70
21-1099	Community and Social Service Specialists, All Other	180	230	50	27.8%	10	<5	10	Bachelor's degree	\$31,612	\$11.01	\$17.29
21-2011	Clergy	1,050	1,160	110	10.5%	10	20	30	Master's degree	\$39,667	\$12.28	\$22.47
21-2021	Directors, Religious Activities and Education	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
21-2099	Religious Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-0000	Legal Occupations	760	870	110	14.5%	10	10	20		\$66,559	\$14.94	\$40.53
23-1011	Lawyers	430	490	60	14.0%	10	10	20	First professional degree	\$88,430	\$24.90	\$51.32
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree+ work experience	*	*	*
23-1022	Arbitrators, Mediators, and Conciliators	10	10	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$51,306	\$17.03	\$28.49

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
23-1023	Judges, Magistrate Judges, and Magistrates	*	*	*	*	<5	<5	<5	Bachelor's or higher degree+ work experience	\$86,269	\$24.29	\$50.07
23-2011	Paralegals and Legal Assistants	150	190	40	26.7%	<5	<5	<5	Associate degree	\$35,630	\$13.05	\$19.17
23-2091	Court Reporters	0	0	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
23-2092	Law Clerks	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
23-2093	Title Examiners, Abstractors, and Searchers	70	80	10	14.3%	<5	<5	<5	Moderate-term on-the-job training	\$38,094	\$12.50	\$21.22
23-2099	Legal Support Workers, All Other	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$41,952	\$16.51	\$22.00
25-0000	Education, Training, and Library Occupations	9,220	10,680	1,460	15.8%	150	200	350		\$39,065	\$10.84	\$22.75
25-1011	Business Teachers, Postsecondary	90	110	20	22.2%	<5	<5	<5	Doctoral degree	\$65,228	Not Available	Not Available
25-1021	Computer Science Teachers, Postsecondary	30	30	0	0.0%	<5	<5	<5	Doctoral degree	\$54,853	Not Available	Not Available
25-1022	Mathematical Science Teachers, Postsecondary	50	60	10	20.0%	<5	<5	<5	Doctoral degree	\$54,843	Not Available	Not Available
25-1031	Architecture Teachers, Postsecondary	0	0	0	0.0%	<5	<5	<5	Doctoral degree	\$51,233	Not Available	Not Available

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-1032	Engineering Teachers, Postsecondary	30	30	0	0.0%	<5	<5	<5	Doctoral degree	\$58,758	Not Available	Not Available
25-1041	Agricultural Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1042	Biological Science Teachers, Postsecondary	40	50	10	25.0%	<5	<5	<5	Doctoral degree	\$51,729	Not Available	Not Available
25-1043	Forestry and Conservation Science Teachers, Postsecondary	0	10	10	100.0%	<5	<5	<5	Doctoral degree	\$55,926	Not Available	Not Available
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1052	Chemistry Teachers, Postsecondary	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$58,490	Not Available	Not Available
25-1053	Environmental Science Teachers, Postsecondary	0	10	10	100.0%	<5	<5	<5	Doctoral degree	\$61,300	Not Available	Not Available
25-1054	Physics Teachers, Postsecondary	20	20	0	0.0%	<5	<5	<5	Doctoral degree	\$53,691	Not Available	Not Available
25-1061	Anthropology and Archeology Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1063	Economics Teachers, Postsecondary	10	20	10	100.0%	<5	<5	<5	Doctoral degree	\$61,950	Not Available	Not Available

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-1064	Geography Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1065	Political Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1066	Psychology Teachers, Postsecondary	30	40	10	33.3%	<5	<5	<5	Doctoral degree	\$56,050	Not Available	Not Available
25-1067	Sociology Teachers, Postsecondary	10	20	10	100.0%	<5	<5	<5	Doctoral degree	\$56,075	Not Available	Not Available
25-1069	Social Sciences Teachers, Postsecondary, All Other	10	10	0	0.0%	<5	<5	<5	Doctoral degree	*	*	*
25-1071	Health Specialties Teachers, Postsecondary	160	210	50	31.3%	10	<5	10	Master's degree	*	*	*
25-1072	Nursing Instructors and Teachers, Postsecondary	60	80	20	33.3%	<5	<5	<5	Doctoral degree	\$54,322	Not Available	Not Available
25-1081	Education Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1082	Library Science Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	10	10	0	0.0%	<5	<5	<5	Doctoral degree	\$63,601	Not Available	Not Available
25-1112	Law Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-1113	Social Work Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1121	Art, Drama, and Music Teachers, Postsecondary	80	100	20	25.0%	<5	<5	<5	Master's degree	\$48,269	Not Available	Not Available
25-1122	Communications Teachers, Postsecondary	40	50	10	25.0%	<5	<5	<5	Doctoral degree	\$56,328	Not Available	Not Available
25-1123	English Language and Literature Teachers, Postsecondary	60	70	10	16.7%	<5	<5	<5	Doctoral degree	\$48,785	Not Available	Not Available
25-1124	Foreign Language and Literature Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1125	History Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1126	Philosophy and Religion Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1191	Graduate Teaching Assistants	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-1192	Home Economics Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-1194	Vocational Education Teachers, Postsecondary	150	190	40	26.7%	<5	<5	<5	Work experience in a related occupation	\$51,032	\$15.42	\$29.09

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-1199	Postsecondary Teachers, All Other	*	*	*	*	10	<5	10	Doctoral degree	*	*	*
25-2011	Preschool Teachers, Except Special Education	530	680	150	28.3%	20	10	30	Bachelor's degree	\$29,129	\$9.01	\$16.50
25-2012	Kindergarten Teachers, Except Special Education	170	200	30	17.6%	<5	<5	<5	Bachelor's degree	\$42,094	Not Available	Not Available
25-2021	Elementary School Teachers, Except Special Education	1,550	1,750	200	12.9%	20	30	50	Bachelor's degree	\$43,722	Not Available	Not Available
25-2022	Middle School Teachers, Except Special and Vocational Education	790	850	60	7.6%	10	20	30	Bachelor's degree	\$42,260	Not Available	Not Available
25-2023	Vocational Education Teachers, Middle School	30	30	0	0.0%	<5	<5	<5	Bachelor's degree	\$53,189	Not Available	Not Available
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,270	1,390	120	9.4%	10	40	50	Bachelor's degree	\$41,990	Not Available	Not Available
25-2032	Vocational Education Teachers, Secondary School	100	110	10	10.0%	<5	<5	<5	Bachelor's degree	\$43,877	Not Available	Not Available
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	190	230	40	21.1%	<5	<5	<5	Bachelor's degree	\$43,091	Not Available	Not Available
25-2042	Special Education Teachers, Middle School	100	120	20	20.0%	<5	<5	<5	Bachelor's degree	\$41,977	Not Available	Not Available
25-2043	Special Education Teachers, Secondary School	140	160	20	14.3%	<5	<5	<5	Bachelor's degree	\$44,726	Not Available	Not Available

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$46,198	\$16.71	\$24.96
25-3021	Self-Enrichment Education Teachers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$34,677	\$12.18	\$18.92
25-3099	Teachers and Instructors, All Other	560	660	100	17.9%	10	10	20	Bachelor's degree	\$28,722	\$10.18	\$15.62
25-4011	Archivists	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4012	Curators	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4013	Museum Technicians and Conservators	*	*	*	*	<5	<5	<5	Master's degree	*	*	*
25-4021	Librarians	180	180	0	0.0%	<5	<5	<5	Master's degree	\$42,515	\$14.70	\$23.31
25-4031	Library Technicians	190	200	10	5.3%	<5	10	10	Postsecondary vocational training	\$26,922	\$9.58	\$14.62
25-9011	Audio-Visual Collections Specialists	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
25-9021	Farm and Home Management Advisors	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
25-9031	Instructional Coordinators	70	80	10	14.3%	<5	<5	<5	Master's degree	\$65,746	\$19.79	\$37.52

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
25-9041	Teacher Assistants	1,390	1,620	230	16.5%	20	30	50	Associate degree	\$22,282	Not Available	Not Available
25-9099	Education, Training, and Library Workers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	2,360	2,710	350	14.8%	40	50	90		\$32,320	\$8.25	\$19.19
27-1011	Art Directors	30	30	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$52,217	\$9.95	\$32.68
27-1012	Craft Artists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-1014	Multi-Media Artists and Animators	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1019	Artists and Related Workers, All Other	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$26,781	\$8.09	\$15.27
27-1021	Commercial and Industrial Designers	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$60,110	\$17.95	\$34.38
27-1023	Floral Designers	120	140	20	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$22,567	\$8.58	\$11.99
27-1024	Graphic Designers	250	300	50	20.0%	10	<5	10	Bachelor's degree	\$35,893	\$10.85	\$20.46

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
27-1025	Interior Designers	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$28,148	\$9.35	\$15.62
27-1026	Merchandise Displayers and Window Trimmers	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,884	\$9.83	\$17.36
27-1027	Set and Exhibit Designers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-1029	Designers, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
27-2011	Actors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2012	Producers and Directors	50	60	10	20.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$51,254	\$14.39	\$29.77
27-2021	Athletes and Sports Competitors	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2022	Coaches and Scouts	180	210	30	16.7%	<5	<5	<5	Long-term on-the-job training	\$19,128	Not Available	Not Available
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2031	Dancers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-2032	Choreographers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
27-2041	Music Directors and Composers	*	*	*	*	<5	<5	<5	Bachelor's or higher degree+ work experience	*	*	*
27-2042	Musicians and Singers	240	280	40	16.7%	<5	10	10	Long-term on-the-job training	*	*	*
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
27-3011	Radio and Television Announcers	90	90	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$29,191	\$7.61	\$17.25
27-3012	Public Address System and Other Announcers	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$27,965	\$9.97	\$15.18
27-3021	Broadcast News Analysts	20	20	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$30,939	\$9.97	\$17.33
27-3022	Reporters and Correspondents	60	60	0	0.0%	<5	<5	<5	Bachelor's or higher degree+ work experience	\$24,845	\$9.22	\$13.31
27-3031	Public Relations Specialists	290	350	60	20.7%	10	<5	10	Bachelor's degree	\$43,491	\$12.80	\$24.96
27-3041	Editors	110	130	20	18.2%	<5	<5	<5	Bachelor's degree	\$38,352	\$12.99	\$21.16
27-3042	Technical Writers	30	50	20	66.7%	<5	<5	<5	Bachelor's degree	\$42,149	\$15.65	\$22.57
27-3043	Writers and Authors	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$33,554	\$9.96	\$19.22

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
27-3091	Interpreters and Translators	40	50	10	25.0%	<5	<5	<5	Long-term on-the-job training	\$33,594	\$9.17	\$19.64
27-3099	Media and Communication Workers, All Other	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$34,928	\$11.54	\$19.42
27-4011	Audio and Video Equipment Technicians	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$43,029	\$14.18	\$23.94
27-4012	Broadcast Technicians	60	70	10	16.7%	<5	<5	<5	Postsecondary vocational training	\$26,569	\$7.50	\$15.41
27-4014	Sound Engineering Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
27-4021	Photographers	60	70	10	16.7%	<5	<5	<5	Bachelor's degree	\$27,080	\$7.06	\$16.00
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
27-4032	Film and Video Editors	10	10	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
27-4099	Media and Communication Equipment Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-0000	Healthcare Practitioners and Technical Occupations	11,650	15,290	3,640	31.2%	360	220	580		\$54,220	\$13.55	\$32.32
29-1011	Chiropractors	60	80	20	33.3%	<5	<5	<5	First professional degree	\$98,698	\$25.33	\$58.51

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-1021	Dentists, General	180	210	30	16.7%	<5	<5	<5	First professional degree	\$134,968	\$44.37	\$75.15
29-1022	Oral and Maxillofacial Surgeons	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1023	Orthodontists	*	*	*	*	<5	<5	<5	First professional degree	\$195,603	Not Available	Not Available
29-1024	Prosthodontists	0	0	0	0.0%	<5	<5	<5	First professional degree	*	*	*
29-1029	Dentists, All Other Specialists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1031	Dietitians and Nutritionists	120	160	40	33.3%	<5	<5	<5	Bachelor's degree	\$47,058	\$19.10	\$24.39
29-1041	Optometrists	30	40	10	33.3%	<5	<5	<5	First professional degree	\$126,386	\$33.92	\$74.19
29-1051	Pharmacists	310	400	90	29.0%	10	10	20	First professional degree	\$94,200	\$37.47	\$49.20
29-1061	Anesthesiologists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1062	Family and General Practitioners	160	220	60	37.5%	10	<5	10	First professional degree	\$174,510	Not Available	Not Available
29-1063	Internists, General	130	170	40	30.8%	<5	<5	<5	First professional degree	\$180,218	Not Available	Not Available

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-1064	Obstetricians and Gynecologists	20	20	0	0.0%	<5	<5	<5	First professional degree	\$191,357	Not Available	Not Available
29-1065	Pediatricians, General	30	30	0	0.0%	<5	<5	<5	First professional degree	\$169,551	\$63.52	\$90.51
29-1066	Psychiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1067	Surgeons	70	90	20	28.6%	<5	<5	<5	First professional degree	*	*	*
29-1069	Physicians and Surgeons, All Other	*	*	*	*	10	<5	10	First professional degree	\$177,617	Not Available	Not Available
29-1071	Physician Assistants	*	*	*	*	10	<5	10	Bachelor's degree	*	*	*
29-1081	Podiatrists	*	*	*	*	<5	<5	<5	First professional degree	*	*	*
29-1111	Registered Nurses	4,470	6,130	1,660	37.1%	170	90	260	Associate or Bachelor's degree ⁽⁸⁾	\$53,615	\$20.07	\$28.63
29-1121	Audiologists	*	*	*	*	<5	<5	<5	Doctoral degree	*	*	*
29-1122	Occupational Therapists	210	280	70	33.3%	10	<5	10	Master's degree	\$48,683	\$16.09	\$27.06
29-1123	Physical Therapists	280	370	90	32.1%	10	<5	10	Master's degree	\$62,244	\$23.92	\$32.93

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-1124	Radiation Therapists	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-1125	Recreational Therapists	50	50	0	0.0%	<5	<5	<5	Bachelor's degree	\$35,657	\$10.29	\$20.57
29-1126	Respiratory Therapists	130	170	40	30.8%	<5	<5	<5	Associate degree	\$43,648	\$18.01	\$22.47
29-1127	Speech-Language Pathologists	150	170	20	13.3%	<5	<5	<5	Master's degree	\$50,141	\$15.33	\$28.50
29-1129	Therapists, All Other	*	*	*	*	<5	<5	<5	Bachelor's degree	\$56,614	\$21.65	\$30.00
29-1131	Veterinarians	70	70	0	0.0%	<5	<5	<5	First professional degree	\$60,502	\$24.62	\$31.32
29-1199	Health Diagnosing and Treating Practitioners, All Other	*	*	*	*	<5	<5	<5	First professional degree	\$49,433	\$19.37	\$25.96
29-2011	Medical and Clinical Laboratory Technologists	240	310	70	29.2%	10	10	20	Bachelor's degree	\$47,744	\$18.82	\$25.02
29-2012	Medical and Clinical Laboratory Technicians	170	220	50	29.4%	10	10	20	Associate degree	\$33,321	\$12.59	\$17.73
29-2021	Dental Hygienists	350	480	130	37.1%	10	<5	10	Associate degree	\$47,861	\$19.43	\$24.80
29-2031	Cardiovascular Technologists and Technicians	60	80	20	33.3%	<5	<5	<5	Associate degree	\$38,040	\$12.04	\$21.41

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-2032	Diagnostic Medical Sonographers	60	90	30	50.0%	<5	<5	<5	Associate degree	\$63,158	\$25.55	\$32.77
29-2033	Nuclear Medicine Technologists	30	40	10	33.3%	<5	<5	<5	Associate degree	\$60,079	\$24.39	\$31.13
29-2034	Radiologic Technologists and Technicians	360	470	110	30.6%	10	10	20	Associate degree	\$43,894	\$16.09	\$23.61
29-2041	Emergency Medical Technicians and Paramedics	570	680	110	19.3%	10	10	20	Postsecondary vocational training	\$26,790	\$9.13	\$14.76
29-2051	Dietetic Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
29-2052	Pharmacy Technicians	370	470	100	27.0%	10	10	20	Moderate-term on-the-job training	\$24,115	\$8.84	\$12.97
29-2053	Psychiatric Technicians	100	120	20	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,099	\$11.18	\$14.67
29-2054	Respiratory Therapy Technicians	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
29-2055	Surgical Technologists	240	320	80	33.3%	10	<5	10	Postsecondary vocational training	\$37,299	\$14.73	\$19.53
29-2056	Veterinary Technologists and Technicians	*	*	*	*	<5	<5	<5	Associate degree	\$27,931	\$10.69	\$14.80
29-2061	Licensed Practical and Licensed Vocational Nurses	930	1,070	140	15.1%	10	20	30	Postsecondary vocational training	\$34,962	\$14.09	\$18.17

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
29-2071	Medical Records and Health Information Technicians	330	440	110	33.3%	10	10	20	Associate degree	\$27,966	\$9.88	\$15.23
29-2081	Opticians, Dispensing	130	140	10	7.7%	<5	<5	<5	Long-term on-the-job training	\$26,542	\$8.97	\$14.66
29-2091	Orthotists and Prosthetists	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
29-2099	Health Technologists and Technicians, All Other	280	380	100	35.7%	10	10	20	Postsecondary vocational training	\$36,745	\$12.38	\$20.31
29-9011	Occupational Health and Safety Specialists	40	40	0	0.0%	<5	<5	<5	Bachelor's degree	\$53,060	\$15.84	\$30.35
29-9012	Occupational Health and Safety Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
29-9091	Athletic Trainers	30	40	10	33.3%	<5	<5	<5	Bachelor's degree	\$40,905	Not Available	Not Available
29-9099	Healthcare Practitioners and Technical Workers, All Other	140	190	50	35.7%	10	<5	10	Postsecondary vocational training	\$41,814	\$12.00	\$24.15
31-0000	Healthcare Support Occupations	5,770	7,450	1,680	29.1%	170	90	260		\$24,491	\$9.19	\$13.07
31-1011	Home Health Aides	760	1,130	370	48.7%	40	10	50	Short-term on-the-job training	\$19,334	\$7.36	\$10.26
31-1012	Nursing Aides, Orderlies, and Attendants	2,770	3,300	530	19.1%	50	40	90	Postsecondary vocational training	\$23,059	\$9.32	\$11.97

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
31-1013	Psychiatric Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$25,231	\$10.56	\$12.92
31-2011	Occupational Therapist Assistants	60	70	10	16.7%	<5	<5	<5	Associate degree	\$37,064	\$15.28	\$19.09
31-2012	Occupational Therapist Aides	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
31-2021	Physical Therapist Assistants	100	140	40	40.0%	<5	<5	<5	Associate degree	\$37,560	\$14.46	\$19.85
31-2022	Physical Therapist Aides	60	80	20	33.3%	<5	<5	<5	Short-term on-the-job training	\$23,293	\$8.93	\$12.33
31-9011	Massage Therapists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
31-9091	Dental Assistants	410	570	160	39.0%	20	10	30	Moderate-term on-the-job training	\$27,583	\$11.03	\$14.38
31-9092	Medical Assistants	630	920	290	46.0%	30	10	40	Moderate-term on-the-job training	\$27,152	\$10.81	\$14.17
31-9093	Medical Equipment Preparers	90	120	30	33.3%	<5	<5	<5	Short-term on-the-job training	\$27,060	\$9.79	\$14.62
31-9094	Medical Transcriptionists	290	380	90	31.0%	10	10	20	Postsecondary vocational training	\$28,337	\$11.37	\$14.75
31-9095	Pharmacy Aides	60	70	10	16.7%	<5	<5	<5	Short-term on-the-job training	\$24,884	\$9.08	\$13.40

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$19,415	\$7.42	\$10.29
31-9099	Healthcare Support Workers, All Other	*	*	*	*	10	10	20	Short-term on-the-job training	\$25,843	\$10.65	\$13.31
33-0000	Protective Service Occupations	3,430	3,700	270	7.9%	30	100	130		\$29,963	\$8.23	\$17.49
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$51,944	\$20.16	\$27.38
33-1012	First-Line Supervisors/Managers of Police and Detectives	100	100	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$58,048	\$23.93	\$29.90
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$36,095	\$7.45	\$22.31
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$45,327	\$15.61	\$24.88
33-2011	Fire Fighters	610	700	90	14.8%	10	20	30	Long-term on-the-job training	\$23,010	\$7.50	\$12.84
33-2021	Fire Inspectors and Investigators	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
33-3011	Bailiffs	20	20	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$22,705	\$9.32	\$11.72
33-3012	Correctional Officers and Jailers	370	370	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$35,242	\$13.72	\$18.56

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
33-3021	Detectives and Criminal Investigators	120	130	10	8.3%	<5	<5	<5	Work experience in a related occupation	\$47,848	\$19.47	\$24.77
33-3031	Fish and Game Wardens	*	*	*	*	<5	<5	<5	Associate degree	*	*	*
33-3041	Parking Enforcement Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
33-3051	Police and Sheriff's Patrol Officers	870	930	60	6.9%	10	20	30	Long-term on-the-job training	\$40,874	\$14.95	\$22.00
33-9011	Animal Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9021	Private Detectives and Investigators	20	30	10	50.0%	<5	<5	<5	Work experience in a related occupation	\$21,643	\$5.85	\$12.68
33-9031	Gaming Surveillance Officers and Gaming Investigators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
33-9032	Security Guards	730	760	30	4.1%	<5	20	20	Short-term on-the-job training	\$21,264	\$7.97	\$11.35
33-9091	Crossing Guards	130	150	20	15.4%	<5	<5	<5	Short-term on-the-job training	\$21,541	\$7.89	\$11.59
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	180	210	30	16.7%	<5	10	10	Short-term on-the-job training	\$14,448	\$5.93	\$7.45
33-9099	Protective Service Workers, All Other	100	110	10	10.0%	<5	10	10	Short-term on-the-job training	\$31,696	\$10.72	\$17.50

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
35-0000	Food Preparation and Serving Related Occupations	16,240	18,560	2,320	14.3%	230	650	880		\$17,048	\$5.92	\$9.34
35-1011	Chefs and Head Cooks	240	270	30	12.5%	<5	10	10	Postsecondary vocational training	\$29,079	\$9.54	\$16.20
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,050	1,220	170	16.2%	20	30	50	Work experience in a related occupation	\$26,097	\$8.53	\$14.55
35-2011	Cooks, Fast Food	720	830	110	15.3%	10	20	30	Short-term on-the-job training	\$16,297	\$6.43	\$8.54
35-2012	Cooks, Institution and Cafeteria	600	630	30	5.0%	<5	20	20	Long-term on-the-job training	\$22,430	\$8.34	\$12.01
35-2013	Cooks, Private Household	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2014	Cooks, Restaurant	920	1,060	140	15.2%	10	30	40	Long-term on-the-job training	\$18,100	\$7.32	\$9.39
35-2015	Cooks, Short Order	350	380	30	8.6%	<5	10	10	Short-term on-the-job training	\$17,409	\$7.29	\$8.91
35-2019	Cooks, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
35-2021	Food Preparation Workers	1,080	1,280	200	18.5%	20	40	60	Short-term on-the-job training	\$18,797	\$6.92	\$10.09
35-3011	Bartenders	1,640	1,840	200	12.2%	20	70	90	Short-term on-the-job training	\$16,688	\$6.38	\$8.84

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,620	4,190	570	15.7%	60	160	220	Short-term on-the-job training	\$15,043	\$5.94	\$7.88
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	430	500	70	16.3%	10	30	40	Short-term on-the-job training	\$15,364	\$6.07	\$8.04
35-3031	Waiters and Waitresses	3,270	3,750	480	14.7%	50	170	220	Short-term on-the-job training	\$15,400	\$5.90	\$8.16
35-3041	Food Servers, Nonrestaurant	330	350	20	6.1%	<5	10	10	Short-term on-the-job training	\$17,918	\$5.79	\$10.02
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	600	670	70	11.7%	10	20	30	Short-term on-the-job training	\$13,923	\$5.89	\$7.09
35-9021	Dishwashers	880	1,010	130	14.8%	10	30	40	Short-term on-the-job training	\$14,521	\$5.94	\$7.50
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	400	460	60	15.0%	10	10	20	Short-term on-the-job training	\$15,444	\$5.88	\$8.20
35-9099	Food Preparation and Serving Related Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$21,421	\$8.50	\$11.20
37-0000	Building and Grounds Cleaning and Maintenance Occupations	6,760	7,780	1,020	15.1%	100	140	240		\$22,707	\$7.52	\$12.62
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	260	310	50	19.2%	10	10	20	Work experience in a related occupation	\$33,990	\$11.70	\$18.66
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	130	20	18.2%	<5	<5	<5	Work experience in a related occupation	\$40,205	\$15.22	\$21.39

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3,310	3,850	540	16.3%	50	60	110	Short-term on-the-job training	\$23,202	\$8.19	\$12.64
37-2012	Maids and Housekeeping Cleaners	2,040	2,290	250	12.3%	30	40	70	Short-term on-the-job training	\$17,876	\$6.84	\$9.47
37-2019	Building Cleaning Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
37-2021	Pest Control Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3011	Landscaping and Groundskeeping Workers	960	1,120	160	16.7%	20	20	40	Short-term on-the-job training	\$21,957	\$7.37	\$12.15
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
37-3013	Tree Trimmers and Pruners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$26,009	\$12.04	\$12.74
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$24,260	\$6.06	\$14.47
39-0000	Personal Care and Service Occupations	4,770	5,740	970	20.3%	100	110	210		\$20,818	\$6.91	\$11.56
39-1011	Gaming Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
39-1012	Slot Key Persons	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
39-1021	First-Line Supervisors/Managers of Personal Service Workers	170	210	40	23.5%	<5	<5	<5	Work experience in a related occupation	\$31,283	\$11.50	\$16.81
39-2011	Animal Trainers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-2021	Nonfarm Animal Caretakers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$20,200	\$6.69	\$11.22
39-3011	Gaming Dealers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-3012	Gaming and Sports Book Writers and Runners	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3019	Gaming Service Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-3021	Motion Picture Projectionists	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3031	Ushers, Lobby Attendants, and Ticket Takers	100	100	0	0.0%	<5	10	10	Short-term on-the-job training	\$12,914	\$5.88	\$6.37
39-3091	Amusement and Recreation Attendants	390	450	60	15.4%	10	10	20	Short-term on-the-job training	\$16,903	\$6.08	\$9.15
39-3092	Costume Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$16,796	\$5.92	\$9.15

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
39-3099	Entertainment Attendants and Related Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-4011	Embalmers	10	10	0	0.0%	<5	<5	<5	Postsecondary vocational training	*	*	*
39-4021	Funeral Attendants	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,545	\$8.51	\$14.17
39-5011	Barbers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5012	Hairdressers, Hairstylists, and Cosmetologists	570	640	70	12.3%	10	10	20	Postsecondary vocational training	\$23,634	\$6.52	\$13.78
39-5092	Manicurists and Pedicurists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-5093	Shampooers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-5094	Skin Care Specialists	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
39-6011	Baggage Porters and Bellhops	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-6012	Concierges	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6021	Tour Guides and Escorts	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
39-6022	Travel Guides	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
39-6031	Flight Attendants	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
39-9011	Child Care Workers	1,020	1,180	160	15.7%	20	30	50	Short-term on-the-job training	\$16,376	\$6.02	\$8.80
39-9021	Personal and Home Care Aides	1,000	1,370	370	37.0%	40	20	60	Short-term on-the-job training	\$19,188	\$8.06	\$9.81
39-9031	Fitness Trainers and Aerobics Instructors	300	350	50	16.7%	10	10	20	Postsecondary vocational training	\$19,404	\$7.24	\$10.37
39-9032	Recreation Workers	490	560	70	14.3%	10	10	20	Bachelor's degree	\$21,691	\$7.27	\$12.01
39-9041	Residential Advisors	60	80	20	33.3%	<5	<5	<5	Moderate-term on-the-job training	\$30,306	\$9.85	\$16.93
39-9099	Personal Care and Service Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$20,196	\$9.40	\$9.87
41-0000	Sales and Related Occupations	18,070	19,570	1,500	8.3%	150	630	780		\$27,975	\$6.81	\$16.77
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,420	1,500	80	5.6%	10	30	40	Work experience in a related occupation	\$34,363	\$10.80	\$19.38

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	300	320	20	6.7%	<5	10	10	Work experience in a related occupation	\$66,908	\$17.75	\$39.37
41-2011	Cashiers	5,110	5,060	-50	-1.0%	<5	250	250	Short-term on-the-job training	\$16,147	\$6.13	\$8.58
41-2012	Gaming Change Persons and Booth Cashiers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-2021	Counter and Rental Clerks	530	630	100	18.9%	10	20	30	Short-term on-the-job training	\$17,477	\$5.81	\$9.70
41-2022	Parts Salespersons	390	360	-30	-7.7%	<5	10	10	Moderate-term on-the-job training	\$26,272	\$8.36	\$14.77
41-2031	Retail Salespersons	5,700	6,510	810	14.2%	80	210	290	Short-term on-the-job training	\$22,325	\$6.82	\$12.69
41-3011	Advertising Sales Agents	210	240	30	14.3%	<5	<5	<5	Moderate-term on-the-job training	\$37,466	\$10.52	\$21.76
41-3021	Insurance Sales Agents	540	610	70	13.0%	10	10	20	Bachelor's degree	\$48,940	\$9.41	\$30.59
41-3031	Securities, Commodities, and Financial Services Sales Agents	150	180	30	20.0%	<5	<5	<5	Bachelor's degree	\$63,006	\$15.71	\$37.58
41-3041	Travel Agents	80	70	-10	-12.5%	<5	<5	<5	Postsecondary vocational training	\$24,346	\$9.54	\$12.79
41-3099	Sales Representatives, Services, All Other	370	440	70	18.9%	10	10	20	Moderate-term on-the-job training	\$42,061	\$12.20	\$24.23

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	310	370	60	19.4%	10	10	20	Moderate-term on-the-job training	\$55,894	\$15.18	\$32.72
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,120	2,410	290	13.7%	30	60	90	Moderate-term on-the-job training	\$52,271	\$13.87	\$30.76
41-9011	Demonstrators and Product Promoters	110	130	20	18.2%	<5	<5	<5	Moderate-term on-the-job training	\$22,641	\$7.90	\$12.38
41-9012	Models	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
41-9021	Real Estate Brokers	50	50	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$44,813	\$12.21	\$26.21
41-9022	Real Estate Sales Agents	70	80	10	14.3%	<5	<5	<5	Postsecondary vocational training	\$50,570	\$11.57	\$30.68
41-9031	Sales Engineers	70	80	10	14.3%	<5	<5	<5	Bachelor's degree	\$72,823	\$24.50	\$40.27
41-9041	Telemarketers	300	270	-30	-10.0%	<5	10	10	Short-term on-the-job training	\$22,279	\$7.83	\$12.15
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
41-9099	Sales and Related Workers, All Other	180	210	30	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$34,065	\$10.08	\$19.52
43-0000	Office and Administrative Support Occupations	33,880	35,570	1,690	5.0%	170	780	950		\$26,994	\$8.66	\$15.14

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,810	1,940	130	7.2%	10	40	50	Work experience in a related occupation	\$42,812	\$13.29	\$24.23
43-2011	Switchboard Operators, Including Answering Service	290	260	-30	-10.3%	<5	10	10	Short-term on-the-job training	\$22,988	\$8.81	\$12.17
43-2021	Telephone Operators	10	10	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
43-2099	Communications Equipment Operators, All Other	0	0	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
43-3011	Bill and Account Collectors	360	450	90	25.0%	10	10	20	Short-term on-the-job training	\$27,033	\$10.35	\$14.32
43-3021	Billing and Posting Clerks and Machine Operators	840	870	30	3.6%	<5	10	10	Moderate-term on-the-job training	\$26,846	\$10.37	\$14.18
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,040	3,200	160	5.3%	20	60	80	Moderate-term on-the-job training	\$26,847	\$8.63	\$15.05
43-3041	Gaming Cage Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-3051	Payroll and Timekeeping Clerks	310	350	40	12.9%	<5	10	10	Moderate-term on-the-job training	\$28,785	\$10.15	\$15.68
43-3061	Procurement Clerks	100	100	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$30,087	\$11.88	\$15.76
43-3071	Tellers	930	1,030	100	10.8%	10	50	60	Short-term on-the-job training	\$21,391	\$8.65	\$11.10

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-4011	Brokerage Clerks	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$42,230	\$10.85	\$25.03
43-4021	Correspondence Clerks	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
43-4031	Court, Municipal, and License Clerks	120	130	10	8.3%	<5	<5	<5	Short-term on-the-job training	\$36,647	\$13.69	\$19.58
43-4041	Credit Authorizers, Checkers, and Clerks	50	30	-20	-40.0%	<5	<5	<5	Short-term on-the-job training	\$31,168	\$11.07	\$16.94
43-4051	Customer Service Representatives	3,290	4,000	710	21.6%	70	50	120	Moderate-term on-the-job training	\$27,439	\$8.92	\$15.33
43-4061	Eligibility Interviewers, Government Programs	60	50	-10	-16.7%	<5	<5	<5	Moderate-term on-the-job training	\$30,898	\$12.55	\$16.01
43-4071	File Clerks	330	200	-130	-39.4%	<5	10	10	Short-term on-the-job training	\$23,417	\$8.66	\$12.56
43-4081	Hotel, Motel, and Resort Desk Clerks	460	530	70	15.2%	10	20	30	Short-term on-the-job training	\$19,051	\$7.21	\$10.13
43-4111	Interviewers, Except Eligibility and Loan	290	370	80	27.6%	10	10	20	Short-term on-the-job training	\$25,592	\$9.98	\$13.47
43-4121	Library Assistants, Clerical	*	*	*	*	<5	10	10	Short-term on-the-job training	\$19,727	\$5.91	\$11.27
43-4131	Loan Interviewers and Clerks	250	230	-20	-8.0%	<5	<5	<5	Short-term on-the-job training	\$26,842	\$10.98	\$13.87

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-4141	New Accounts Clerks	110	120	10	9.1%	<5	<5	<5	Work experience in a related occupation	\$26,295	\$12.04	\$12.94
43-4151	Order Clerks	1,200	1,250	50	4.2%	10	30	40	Short-term on-the-job training	\$21,862	\$7.78	\$11.87
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	250	300	50	20.0%	10	10	20	Short-term on-the-job training	\$31,219	\$10.95	\$17.04
43-4171	Receptionists and Information Clerks	1,740	2,060	320	18.4%	30	40	70	Short-term on-the-job training	\$22,219	\$8.68	\$11.68
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$22,187	\$7.76	\$12.12
43-4199	Information and Record Clerks, All Other	340	310	-30	-8.8%	<5	10	10	Short-term on-the-job training	\$27,570	\$8.60	\$15.58
43-5011	Cargo and Freight Agents	60	50	-10	-16.7%	<5	<5	<5	Moderate-term on-the-job training	\$29,455	\$8.46	\$17.01
43-5021	Couriers and Messengers	210	200	-10	-4.8%	<5	10	10	Short-term on-the-job training	\$34,682	\$9.47	\$20.28
43-5031	Police, Fire, and Ambulance Dispatchers	120	130	10	8.3%	<5	<5	<5	Moderate-term on-the-job training	\$32,649	\$13.14	\$16.98
43-5032	Dispatchers, Except Police, Fire, and Ambulance	300	310	10	3.3%	<5	10	10	Moderate-term on-the-job training	\$30,336	\$10.29	\$16.73
43-5041	Meter Readers, Utilities	60	30	-30	-50.0%	<5	<5	<5	Short-term on-the-job training	\$35,751	\$10.37	\$20.60

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-5051	Postal Service Clerks	90	90	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$47,431	\$19.86	\$24.27
43-5052	Postal Service Mail Carriers	510	500	-10	-2.0%	<5	20	20	Short-term on-the-job training	\$41,980	\$14.50	\$23.02
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	280	280	0	0.0%	<5	10	10	Short-term on-the-job training	\$41,985	\$14.68	\$22.94
43-5061	Production, Planning, and Expediting Clerks	510	560	50	9.8%	10	10	20	Short-term on-the-job training	\$36,899	\$12.38	\$20.42
43-5071	Shipping, Receiving, and Traffic Clerks	1,180	1,220	40	3.4%	<5	20	20	Short-term on-the-job training	\$26,596	\$8.79	\$14.79
43-5081	Stock Clerks and Order Fillers	2,530	2,320	-210	-8.3%	<5	90	90	Short-term on-the-job training	\$20,279	\$6.61	\$11.32
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	160	140	-20	-12.5%	<5	<5	<5	Short-term on-the-job training	\$28,458	\$10.25	\$15.40
43-6011	Executive Secretaries and Administrative Assistants	2,040	2,280	240	11.8%	20	40	60	Moderate-term on-the-job training	\$31,812	\$11.28	\$17.30
43-6012	Legal Secretaries	230	250	20	8.7%	<5	<5	<5	Postsecondary vocational training	\$32,356	\$12.32	\$17.17
43-6013	Medical Secretaries	510	600	90	17.6%	10	10	20	Postsecondary vocational training	\$25,447	\$10.09	\$13.31
43-6014	Secretaries, Except Legal, Medical, and Executive	2,930	2,800	-130	-4.4%	<5	60	60	Moderate-term on-the-job training	\$26,283	\$9.53	\$14.19

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
43-9011	Computer Operators	160	100	-60	-37.5%	<5	<5	<5	Moderate-term on-the-job training	\$30,046	\$10.83	\$16.25
43-9021	Data Entry Keyers	370	350	-20	-5.4%	<5	10	10	Moderate-term on-the-job training	\$24,699	\$9.33	\$13.15
43-9022	Word Processors and Typists	190	150	-40	-21.1%	<5	<5	<5	Moderate-term on-the-job training	\$29,785	\$11.39	\$15.78
43-9031	Desktop Publishers	40	60	20	50.0%	<5	<5	<5	Postsecondary vocational training	\$30,554	\$11.84	\$16.11
43-9041	Insurance Claims and Policy Processing Clerks	810	840	30	3.7%	<5	10	10	Moderate-term on-the-job training	\$27,420	\$9.73	\$14.91
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	220	140	-80	-36.4%	<5	10	10	Short-term on-the-job training	\$21,445	\$7.76	\$11.59
43-9061	Office Clerks, General	3,330	3,510	180	5.4%	20	70	90	Short-term on-the-job training	\$22,970	\$7.74	\$12.70
43-9071	Office Machine Operators, Except Computer	100	80	-20	-20.0%	<5	<5	<5	Short-term on-the-job training	\$26,700	\$9.76	\$14.37
43-9081	Proofreaders and Copy Markers	40	50	10	25.0%	<5	<5	<5	Short-term on-the-job training	\$25,024	\$10.13	\$12.98
43-9111	Statistical Assistants	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
43-9199	Office and Administrative Support Workers, All Other	480	510	30	6.3%	<5	10	10	Short-term on-the-job training	\$24,664	\$9.28	\$13.15

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
45-0000	Farming, Fishing, and Forestry Occupations	340	360	20	5.9%	<5	10	10		\$26,778	\$8.14	\$15.24
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	20	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$52,605	\$15.90	\$29.99
45-2011	Agricultural Inspectors	10	10	0	0.0%	<5	<5	<5	Work experience in a related occupation	\$34,284	\$14.58	\$17.43
45-2021	Animal Breeders	0	0	0	0.0%	<5	<5	<5	Associate degree	*	*	*
45-2041	Graders and Sorters, Agricultural Products	60	70	10	16.7%	<5	<5	<5	Work experience in a related occupation	\$21,910	\$6.96	\$12.32
45-2091	Agricultural Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$18,817	\$6.34	\$10.40
45-2093	Farmworkers, Farm and Ranch Animals	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$16,839	\$6.58	\$8.86
45-2099	Agricultural Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
45-3011	Fishers and Related Fishing Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
45-4011	Forest and Conservation Workers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$26,067	\$9.55	\$14.02

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
45-4021	Fallers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$30,963	\$14.43	\$15.12
45-4022	Logging Equipment Operators	30	40	10	33.3%	<5	<5	<5	Moderate-term on-the-job training	\$26,717	\$10.02	\$14.26
45-4023	Log Graders and Scalers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$30,008	\$12.08	\$15.60
45-4029	Logging Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-0000	Construction and Extraction Occupations	8,370	9,700	1,330	15.9%	130	160	290		\$38,029	\$12.30	\$21.27
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	560	660	100	17.9%	10	10	20	Work experience in a related occupation	\$53,757	\$19.42	\$29.06
47-2011	Boilermakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2021	Brickmasons and Blockmasons	160	190	30	18.8%	<5	<5	<5	Long-term on-the-job training	\$42,572	\$16.78	\$22.31
47-2022	Stonemasons	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2031	Carpenters	2,000	2,360	360	18.0%	40	30	70	Long-term on-the-job training	\$35,663	\$13.55	\$18.94
47-2041	Carpet Installers	40	50	10	25.0%	<5	<5	<5	Moderate-term on-the-job training	\$36,798	\$12.71	\$20.18

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$34,019	\$15.53	\$16.77
47-2043	Floor Sanders and Finishers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2044	Tile and Marble Setters	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2051	Cement Masons and Concrete Finishers	280	340	60	21.4%	10	10	20	Moderate-term on-the-job training	\$31,908	\$11.24	\$17.39
47-2053	Terrazzo Workers and Finishers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2061	Construction Laborers	940	1,010	70	7.4%	10	10	20	Moderate-term on-the-job training	\$31,931	\$10.82	\$17.62
47-2071	Paving, Surfacing, and Tamping Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2072	Pile-Driver Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2073	Operating Engineers and Other Construction Equipment Operators	560	650	90	16.1%	10	10	20	Moderate-term on-the-job training	\$35,464	\$10.84	\$20.15
47-2081	Drywall and Ceiling Tile Installers	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$33,023	\$10.06	\$18.79
47-2082	Tapers	30	30	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$35,912	\$11.23	\$20.28

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
47-2111	Electricians	950	1,080	130	13.7%	10	20	30	Long-term on-the-job training	\$47,768	\$17.13	\$25.88
47-2121	Glaziers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2131	Insulation Workers, Floor, Ceiling, and Wall	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2132	Insulation Workers, Mechanical	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2141	Painters, Construction and Maintenance	190	210	20	10.5%	<5	<5	<5	Moderate-term on-the-job training	\$31,179	\$9.25	\$17.86
47-2142	Paperhangers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-2151	Pipelayers	40	40	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$54,124	\$21.39	\$28.33
47-2152	Plumbers, Pipefitters, and Steamfitters	620	730	110	17.7%	10	10	20	Long-term on-the-job training	\$49,868	\$17.23	\$27.35
47-2161	Plasterers and Stucco Masons	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2171	Reinforcing Iron and Rebar Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-2181	Roofers	140	180	40	28.6%	<5	<5	<5	Moderate-term on-the-job training	\$28,359	\$10.62	\$15.14

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
47-2211	Sheet Metal Workers	370	420	50	13.5%	10	10	20	Long-term on-the-job training	\$42,869	\$13.42	\$24.21
47-2221	Structural Iron and Steel Workers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$26,679	\$9.63	\$14.43
47-3012	Helpers--Carpenters	130	160	30	23.1%	<5	10	10	Short-term on-the-job training	\$24,626	\$9.49	\$13.02
47-3013	Helpers--Electricians	70	80	10	14.3%	<5	<5	<5	Short-term on-the-job training	\$20,506	\$7.97	\$10.80
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	10	10	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	50	60	10	20.0%	<5	<5	<5	Short-term on-the-job training	\$27,932	\$9.77	\$15.26
47-3016	Helpers--Roofers	20	20	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$25,624	\$9.89	\$13.53
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-4011	Construction and Building Inspectors	70	80	10	14.3%	<5	<5	<5	Work experience in a related occupation	\$40,660	\$13.22	\$22.71
47-4021	Elevator Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
47-4031	Fence Erectors	10	20	10	100.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4041	Hazardous Materials Removal Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4051	Highway Maintenance Workers	410	470	60	14.6%	10	10	20	Moderate-term on-the-job training	\$32,017	\$14.22	\$15.98
47-4061	Rail-Track Laying and Maintenance Equipment Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	60	70	10	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$34,164	\$11.82	\$18.73
47-4091	Segmental Pavers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-4099	Construction and Related Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$28,315	\$12.04	\$14.40
47-5012	Rotary Drill Operators, Oil and Gas	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5013	Service Unit Operators, Oil, Gas, and Mining	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5021	Earth Drillers, Except Oil and Gas	30	40	10	33.3%	<5	<5	<5	Moderate-term on-the-job training	\$36,434	\$13.64	\$19.45
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
47-5041	Continuous Mining Machine Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5042	Mine Cutting and Channeling Machine Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5051	Rock Splitters, Quarry	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
47-5081	Helpers--Extraction Workers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
47-5099	Extraction Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-0000	Installation, Maintenance, and Repair Occupations	7,860	8,690	830	10.6%	80	180	260		\$35,508	\$10.93	\$20.14
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	630	700	70	11.1%	10	20	30	Work experience in a related occupation	\$50,389	\$16.09	\$28.29
49-2011	Computer, Automated Teller, and Office Machine Repairers	100	110	10	10.0%	<5	<5	<5	Postsecondary vocational training	\$34,587	\$11.36	\$19.26
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	50	60	10	20.0%	<5	<5	<5	Postsecondary vocational training	\$47,178	\$18.04	\$25.00
49-2091	Avionics Technicians	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2092	Electric Motor, Power Tool, and Related Repairers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	50	60	10	20.0%	<5	<5	<5	Postsecondary vocational training	\$39,853	\$16.05	\$20.72
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	60	70	10	16.7%	<5	<5	<5	Postsecondary vocational training	\$31,049	\$10.65	\$17.07
49-2098	Security and Fire Alarm Systems Installers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
49-3011	Aircraft Mechanics and Service Technicians	60	70	10	16.7%	<5	<5	<5	Postsecondary vocational training	\$51,057	\$17.86	\$27.89
49-3021	Automotive Body and Related Repairers	240	260	20	8.3%	<5	10	10	Long-term on-the-job training	\$33,605	\$13.04	\$17.71
49-3022	Automotive Glass Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3023	Automotive Service Technicians and Mechanics	1,050	1,180	130	12.4%	10	30	40	Postsecondary vocational training	\$29,817	\$8.83	\$17.09
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	500	570	70	14.0%	10	10	20	Postsecondary vocational training	\$33,153	\$12.30	\$17.76

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
49-3041	Farm Equipment Mechanics	100	100	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$33,001	\$12.21	\$17.69
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14.3%	<5	<5	<5	Postsecondary vocational training	\$35,561	\$13.77	\$18.76
49-3043	Rail Car Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-3051	Motorboat Mechanics	60	80	20	33.3%	<5	<5	<5	Long-term on-the-job training	\$27,140	\$9.03	\$15.06
49-3052	Motorcycle Mechanics	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$27,511	\$10.56	\$14.56
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	70	10	16.7%	<5	<5	<5	Moderate-term on-the-job training	\$25,342	\$8.63	\$13.96
49-3091	Bicycle Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$26,629	\$9.82	\$14.29
49-3092	Recreational Vehicle Service Technicians	30	30	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$24,463	\$8.93	\$13.18
49-3093	Tire Repairers and Changers	150	150	0	0.0%	<5	10	10	Short-term on-the-job training	\$22,329	\$8.05	\$12.08
49-9011	Mechanical Door Repairers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	40	30	-10	-25.0%	<5	<5	<5	Moderate-term on-the-job training	\$39,964	\$13.82	\$21.91

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	350	460	110	31.4%	10	10	20	Long-term on-the-job training	\$35,965	\$13.28	\$19.29
49-9031	Home Appliance Repairers	50	50	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$31,774	\$10.94	\$17.44
49-9041	Industrial Machinery Mechanics	630	610	-20	-3.2%	<5	10	10	Long-term on-the-job training	\$38,614	\$14.75	\$20.47
49-9042	Maintenance and Repair Workers, General	2,000	2,210	210	10.5%	20	40	60	Long-term on-the-job training	\$33,827	\$11.05	\$18.87
49-9043	Maintenance Workers, Machinery	220	220	0	0.0%	<5	10	10	Short-term on-the-job training	\$35,571	\$11.04	\$20.13
49-9044	Millwrights	210	220	10	4.8%	<5	10	10	Long-term on-the-job training	\$50,039	\$20.68	\$25.75
49-9045	Refractory Materials Repairers, Except Brickmasons	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9051	Electrical Power-Line Installers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	\$59,026	\$24.29	\$30.42
49-9052	Telecommunications Line Installers and Repairers	220	280	60	27.3%	10	10	20	Long-term on-the-job training	\$43,286	\$14.23	\$24.10
49-9061	Camera and Photographic Equipment Repairers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9062	Medical Equipment Repairers	*	*	*	*	<5	<5	<5	Associate degree	\$43,498	\$16.38	\$23.18

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
49-9063	Musical Instrument Repairers and Tuners	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-9064	Watch Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
49-9069	Precision Instrument and Equipment Repairers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$29,328	\$11.70	\$15.30
49-9093	Fabric Menders, Except Garment	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9094	Locksmiths and Safe Repairers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9095	Manufactured Building and Mobile Home Installers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
49-9096	Riggers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
49-9098	Helpers--Installation, Maintenance, and Repair Workers	180	200	20	11.1%	<5	10	10	Short-term on-the-job training	\$22,619	\$6.87	\$12.88
49-9099	Installation, Maintenance, and Repair Workers, All Other	200	220	20	10.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,232	\$9.74	\$16.21
51-0000	Production Occupations	24,580	24,610	30	0.1%	<5	600	600		\$30,867	\$9.94	\$17.29

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,580	1,670	90	5.7%	10	30	40	Work experience in a related occupation	\$47,220	\$14.67	\$26.72
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-2021	Coil Winders, Tapers, and Finishers	60	50	-10	-16.7%	<5	<5	<5	Short-term on-the-job training	\$24,058	\$8.92	\$12.89
51-2022	Electrical and Electronic Equipment Assemblers	180	170	-10	-5.6%	<5	<5	<5	Short-term on-the-job training	\$32,203	\$10.02	\$18.21
51-2023	Electromechanical Equipment Assemblers	40	30	-10	-25.0%	<5	<5	<5	Short-term on-the-job training	\$35,420	\$12.37	\$19.36
51-2031	Engine and Other Machine Assemblers	70	80	10	14.3%	<5	<5	<5	Short-term on-the-job training	\$34,206	\$12.94	\$18.20
51-2041	Structural Metal Fabricators and Fitters	270	280	10	3.7%	<5	10	10	Moderate-term on-the-job training	\$35,683	\$14.66	\$18.40
51-2091	Fiberglass Laminators and Fabricators	10	20	10	100.0%	<5	<5	<5	Moderate-term on-the-job training	\$25,677	\$10.97	\$13.03
51-2092	Team Assemblers	3,400	3,770	370	10.9%	40	90	130	Moderate-term on-the-job training	\$26,245	\$8.88	\$14.48
51-2099	Assemblers and Fabricators, All Other	330	340	10	3.0%	<5	10	10	Moderate-term on-the-job training	\$24,574	\$8.78	\$13.33
51-3011	Bakers	260	300	40	15.4%	<5	10	10	Long-term on-the-job training	\$20,918	\$7.54	\$11.31

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-3021	Butchers and Meat Cutters	210	220	10	4.8%	<5	10	10	Long-term on-the-job training	\$28,471	\$9.37	\$15.85
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$20,629	\$7.53	\$11.11
51-3023	Slaughterers and Meat Packers	110	130	20	18.2%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-3092	Food Batchmakers	260	260	0	0.0%	<5	10	10	Short-term on-the-job training	\$30,111	\$11.30	\$16.07
51-3093	Food Cooking Machine Operators and Tenders	100	90	-10	-10.0%	<5	<5	<5	Short-term on-the-job training	\$26,596	\$8.43	\$14.97
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	350	360	10	2.9%	<5	10	10	Moderate-term on-the-job training	\$32,632	\$12.39	\$17.34
51-4012	Numerical Tool and Process Control Programmers	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$34,841	\$15.39	\$17.43
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$30,823	\$11.46	\$16.50
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$32,223	\$11.93	\$17.27

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	800	680	-120	-15.0%	<5	20	20	Moderate-term on-the-job training	\$30,461	\$11.66	\$16.14
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	90	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,773	\$12.30	\$16.76
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4.3%	<5	10	10	Moderate-term on-the-job training	\$28,642	\$9.79	\$15.76
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	130	120	-10	-7.7%	<5	<5	<5	Moderate-term on-the-job training	\$38,130	\$12.31	\$21.34
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$31,283	\$9.77	\$17.68
51-4041	Machinists	680	730	50	7.4%	10	20	30	Long-term on-the-job training	\$36,058	\$11.39	\$20.31
51-4051	Metal-Refining Furnace Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4052	Pourers and Casters, Metal	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4061	Model Makers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4062	Patternmakers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4071	Foundry Mold and Coremakers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	220	230	10	4.5%	<5	10	10	Moderate-term on-the-job training	\$28,391	\$10.29	\$15.33
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	220	230	10	4.5%	<5	10	10	Moderate-term on-the-job training	\$30,832	\$11.01	\$16.73
51-4111	Tool and Die Makers	180	180	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$42,559	\$17.21	\$22.08
51-4121	Welders, Cutters, Solderers, and Brazers	780	820	40	5.1%	<5	20	20	Postsecondary vocational training	\$34,945	\$13.58	\$18.41
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	150	150	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$29,540	\$11.39	\$15.61
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4192	Lay-Out Workers, Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,526	\$10.95	\$15.10
51-4194	Tool Grinders, Filers, and Sharpeners	60	60	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$27,801	\$10.29	\$14.91
51-4199	Metal Workers and Plastic Workers, All Other	80	70	-10	-12.5%	<5	<5	<5	Moderate-term on-the-job training	\$36,416	\$13.97	\$19.27
51-5011	Bindery Workers	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-5012	Bookbinders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-5021	Job Printers	80	90	10	12.5%	<5	<5	<5	Long-term on-the-job training	\$32,100	\$11.57	\$17.37
51-5022	Prepress Technicians and Workers	120	110	-10	-8.3%	<5	<5	<5	Postsecondary vocational training	\$33,085	\$11.17	\$18.27
51-5023	Printing Machine Operators	420	440	20	4.8%	<5	10	10	Moderate-term on-the-job training	\$34,490	\$12.98	\$18.38
51-6011	Laundry and Dry-Cleaning Workers	260	280	20	7.7%	<5	10	10	Moderate-term on-the-job training	\$19,912	\$7.23	\$10.75
51-6021	Pressers, Textile, Garment, and Related Materials	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$15,488	\$5.98	\$8.18
51-6031	Sewing Machine Operators	310	350	40	12.9%	<5	<5	<5	Moderate-term on-the-job training	\$24,390	\$9.63	\$12.78
51-6041	Shoe and Leather Workers and Repairers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6042	Shoe Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6051	Sewers, Hand	0	0	0	0.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
51-6052	Tailors, Dressmakers, and Custom Sewers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$21,318	\$7.66	\$11.54

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	50	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$21,266	\$9.95	\$10.36
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-6092	Fabric and Apparel Patternmakers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-6093	Upholsterers	30	20	-10	-33.3%	<5	<5	<5	Long-term on-the-job training	\$30,115	\$10.43	\$16.50
51-6099	Textile, Apparel, and Furnishings Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
51-7011	Cabinetmakers and Bench Carpenters	430	460	30	7.0%	<5	10	10	Long-term on-the-job training	\$29,561	\$11.97	\$15.33
51-7021	Furniture Finishers	40	40	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$27,134	\$11.36	\$13.89
51-7031	Model Makers, Wood	0	10	10	100.0%	<5	<5	<5	Long-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-7032	Patternmakers, Wood	0	0	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	640	590	-50	-7.8%	<5	20	20	Moderate-term on-the-job training	\$26,371	\$9.63	\$14.20
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	970	900	-70	-7.2%	<5	30	30	Moderate-term on-the-job training	\$26,087	\$9.64	\$13.99
51-7099	Woodworkers, All Other	*	*	*	*	<5	10	10	Moderate-term on-the-job training	*	*	*
51-8011	Nuclear Power Reactor Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8012	Power Distributors and Dispatchers	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8013	Power Plant Operators	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$47,401	\$17.93	\$25.22
51-8021	Stationary Engineers and Boiler Operators	80	80	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$45,364	\$17.10	\$24.16
51-8031	Water and Liquid Waste Treatment Plant and System Operators	*	*	*	*	<5	10	10	Long-term on-the-job training	\$36,748	\$10.03	\$21.49
51-8091	Chemical Plant and System Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8092	Gas Plant Operators	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-8099	Plant and System Operators, All Other	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9011	Chemical Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	150	150	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$33,490	\$13.13	\$17.59
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$34,941	\$12.09	\$19.15
51-9022	Grinding and Polishing Workers, Hand	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$29,707	\$10.93	\$15.96
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	320	320	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$33,474	\$10.35	\$18.96
51-9031	Cutters and Trimmers, Hand	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$25,790	\$9.31	\$13.94
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	380	350	-30	-7.9%	<5	10	10	Moderate-term on-the-job training	\$34,240	\$12.57	\$18.41
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	200	200	0	0.0%	<5	10	10	Moderate-term on-the-job training	\$27,386	\$10.04	\$14.73
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	130	130	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	\$28,193	\$9.92	\$15.37

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	990	1,030	40	4.0%	<5	20	20	Moderate-term on-the-job training	\$31,374	\$10.48	\$17.38
51-9071	Jewelers and Precious Stone and Metal Workers	*	*	*	*	<5	<5	<5	Postsecondary vocational training	*	*	*
51-9081	Dental Laboratory Technicians	60	60	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$32,994	\$10.44	\$18.58
51-9082	Medical Appliance Technicians	10	10	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$38,324	\$16.60	\$19.34
51-9111	Packaging and Filling Machine Operators and Tenders	1,400	1,280	-120	-8.6%	<5	30	30	Short-term on-the-job training	\$25,867	\$9.16	\$14.07
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	360	350	-10	-2.8%	<5	10	10	Moderate-term on-the-job training	\$34,688	\$12.78	\$18.62
51-9122	Painters, Transportation Equipment	60	70	10	16.7%	<5	<5	<5	Long-term on-the-job training	\$39,069	\$15.82	\$20.26
51-9123	Painting, Coating, and Decorating Workers	50	50	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$24,882	\$9.03	\$13.43
51-9131	Photographic Process Workers	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9132	Photographic Processing Machine Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
51-9191	Cementing and Gluing Machine Operators and Tenders	40	50	10	25.0%	<5	<5	<5	Moderate-term on-the-job training	\$30,704	\$10.26	\$17.01
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9193	Cooling and Freezing Equipment Operators and Tenders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9194	Etchers and Engravers	20	20	0	0.0%	<5	<5	<5	Long-term on-the-job training	*	*	*
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$27,037	\$10.70	\$14.15
51-9196	Paper Goods Machine Setters, Operators, and Tenders	1,430	1,280	-150	-10.5%	<5	30	30	Moderate-term on-the-job training	\$40,436	\$14.56	\$21.88
51-9197	Tire Builders	10	10	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
51-9198	Helpers--Production Workers	1,570	1,630	60	3.8%	10	40	50	Short-term on-the-job training	\$26,490	\$9.12	\$14.54
51-9199	Production Workers, All Other	850	680	-170	-20.0%	<5	20	20	Moderate-term on-the-job training	\$29,343	\$7.75	\$17.28
53-0000	Transportation and Material Moving Occupations	19,770	21,520	1,750	8.9%	180	430	610		\$29,636	\$8.21	\$17.27
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	\$32,964	\$15.12	\$16.21

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	340	360	20	5.9%	<5	10	10	Work experience in a related occupation	\$39,652	\$11.41	\$22.89
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	420	480	60	14.3%	10	10	20	Work experience in a related occupation	\$49,744	\$16.31	\$27.72
53-2011	Airline Pilots, Copilots, and Flight Engineers	*	*	*	*	<5	<5	<5	Bachelor's degree	*	*	*
53-2012	Commercial Pilots	20	20	0	0.0%	<5	<5	<5	Postsecondary vocational training	\$85,840	Not Available	Not Available
53-2021	Air Traffic Controllers	10	10	0	0.0%	<5	<5	<5	Bachelor's degree	*	*	*
53-2022	Airfield Operations Specialists	*	*	*	*	<5	<5	<5	Long-term on-the-job training	*	*	*
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$18,099	\$5.88	\$10.11
53-3021	Bus Drivers, Transit and Intercity	190	220	30	15.8%	<5	<5	<5	Moderate-term on-the-job training	\$23,354	\$9.10	\$12.29
53-3022	Bus Drivers, School	830	990	160	19.3%	20	20	40	Short-term on-the-job training	\$24,233	\$8.90	\$13.03
53-3031	Driver/Sales Workers	510	570	60	11.8%	10	10	20	Short-term on-the-job training	\$26,521	\$7.85	\$15.20
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,850	6,590	740	12.6%	70	100	170	Moderate-term on-the-job training	\$38,419	\$13.24	\$21.09

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
53-3033	Truck Drivers, Light or Delivery Services	1,680	1,920	240	14.3%	20	20	40	Short-term on-the-job training	\$23,360	\$7.86	\$12.91
53-3041	Taxi Drivers and Chauffeurs	270	350	80	29.6%	10	<5	10	Short-term on-the-job training	\$19,409	\$7.48	\$10.26
53-3099	Motor Vehicle Operators, All Other	90	100	10	11.1%	<5	<5	<5	Short-term on-the-job training	\$19,483	\$5.87	\$11.12
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*
53-5011	Sailors and Marine Oilers	0	10	10	100.0%	<5	<5	<5	Short-term on-the-job training	*	*	*
53-5021	Captains, Mates, and Pilots of Water Vessels	0	10	10	100.0%	<5	<5	<5	Work experience in a related occupation	*	*	*
53-6011	Bridge and Lock Tenders	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6021	Parking Lot Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$20,436	\$7.71	\$10.88
53-6031	Service Station Attendants	*	*	*	*	<5	<5	<5	Short-term on-the-job training	\$20,508	\$7.52	\$11.03
53-6041	Traffic Technicians	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-6051	Transportation Inspectors	*	*	*	*	<5	<5	<5	Work experience in a related occupation	*	*	*

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
53-6099	Transportation Workers, All Other	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-7011	Conveyor Operators and Tenders	100	100	0	0.0%	<5	<5	<5	Short-term on-the-job training	\$27,388	\$9.07	\$15.22
53-7021	Crane and Tower Operators	50	50	0	0.0%	<5	<5	<5	Long-term on-the-job training	\$44,060	\$17.15	\$23.20
53-7031	Dredge Operators	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7032	Excavating and Loading Machine and Dragline Operators	50	60	10	20.0%	<5	<5	<5	Moderate-term on-the-job training	\$32,002	\$12.32	\$16.92
53-7033	Loading Machine Operators, Underground Mining	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7041	Hoist and Winch Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7051	Industrial Truck and Tractor Operators	1,640	1,690	50	3.0%	10	30	40	Short-term on-the-job training	\$29,071	\$11.07	\$15.43
53-7061	Cleaners of Vehicles and Equipment	460	480	20	4.3%	<5	20	20	Short-term on-the-job training	\$20,149	\$6.49	\$11.29
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,520	4,630	110	2.4%	10	150	160	Short-term on-the-job training	\$25,000	\$7.12	\$14.47
53-7063	Machine Feeders and Offbearers	560	480	-80	-14.3%	<5	20	20	Short-term on-the-job training	\$31,152	\$8.06	\$18.43

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾
53-7064	Packers and Packagers, Hand	1,690	1,910	220	13.0%	20	30	50	Short-term on-the-job training	\$19,236	\$6.41	\$10.67
53-7071	Gas Compressor and Gas Pumping Station Operators	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7072	Pump Operators, Except Wellhead Pumpers	0	0	0	0.0%	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7081	Refuse and Recyclable Material Collectors	110	120	10	9.1%	<5	<5	<5	Short-term on-the-job training	\$22,170	\$7.17	\$12.40
53-7111	Shuttle Car Operators	*	*	*	*	<5	<5	<5	Short-term on-the-job training	*	*	*
53-7121	Tank Car, Truck, and Ship Loaders	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	*	*	*
53-7199	Material Moving Workers, All Other	*	*	*	*	<5	<5	<5	Moderate-term on-the-job training	\$15,495	\$5.79	\$8.28

Notes:

(1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment does not include self-employed or unpaid family workers. Employment is rounded to the nearest ten, with employment less than five rounded to zero. Totals may not add due to rounding.

(2) **Replacements** are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.

(3) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.

(4) **Typical Education and Training Path** gives a general indication of the education or training typically needed in a given occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.

Short-Term On-the-Job Training: These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.

Moderate-Term On-the-Job Training: Training for these occupations usually occurs at the workplace and lasts from one to twelve months.

Occupation Projections for North Central Wisconsin Workforce Development Area, 2004-2014

(Adams, Forest, Langlade, Lincoln, Marathon, Oneida, Portage, Vilas, and Wood Counties)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Estimated Average Annual Openings ⁽¹⁾			Typical Education and Training Path ⁽⁴⁾	Estimated Salary and Wages (2005)		
		2004	2014	Change	% Change	New Jobs	Replacements ⁽²⁾	Total ⁽³⁾		Average Annual Salary ⁽⁵⁾	Entry Level Hourly Wage ⁽⁶⁾	Experienced Hourly Wage ⁽⁷⁾

Long-Term On-the-Job Training: These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.

Work Experience in Related Occupation: Occupations in this category require skills and experience gained in other jobs.

Postsecondary Vocational Training: These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

Associate Degree: This degree requires two years of full-time academic work beyond high school.

Bachelor's Degree: This degree requires four or five years of full-time academic work at a college or university.

Master's Degree: This degree requires one to two years of full-time study beyond a bachelor's degree.

Doctoral Degree: This degree usually requires at least three years of full-time study beyond a bachelor's degree.

First Professional Degree: These degrees typically require at least two years of full-time study beyond a bachelor's degree.

Bachelor's or higher degree, plus work experience: These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

(5) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.

(6) **Entry Level Hourly Wage** is the average of the lower third of wages that are paid in a given occupation.

(7) **Experienced Hourly Wage** is the average of the upper two-thirds of wages that are paid in a given occupation.

(8) Depending upon the specific position and employer either an Associate or Bachelor's degree are most common.

* Data is suppressed to preserve the confidentiality of employers.

Projections information is derived using the November 2004 OES Survey, 2004 QCEW and 2004 CES (3/2005 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used. Wage information derived from the May 2005 Estimates Delivery System.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2004 to 2014. It is important to note unanticipated events may affect the accuracy of these projections.

Projections Methodology

Karin Wells
(608) 264-7841
Karin.Wells@dwd.state.wi.us

Regional Economist

Scott Hodek
(715) 836-2997
Scott.Hodek@dwd.state.wi.us